

Table 3-1

**Sampling Locations and Rationale
Range 4A Fog Oil Storage Area, Parcel 123(6)
Fort McClellan, Calhoun County, Alabama**

Sample Location	Sample Media	Sample Location Rationale
PR-123-MW01	Surface Soil Subsurface Soil Groundwater	Surface soil, subsurface soil, and groundwater samples were collected on northern end of the fenced area, immediately east of the drum handling area, to determine if contaminant releases into the environment have occurred from use of this area and if contaminated media exists at this site.
PR-123-MW02	Surface Soil Subsurface Soil Groundwater	Surface soil, subsurface soil, and groundwater samples were collected in the south-central portion of the parcel, approximately 20 feet south of the fenced area, to determine if contaminant releases into the environment have occurred from use of this area and if contaminated media exists at this site.
PR-123-MW03	Surface Soil Subsurface Soil Groundwater	Surface soil, subsurface soil, and groundwater samples were collected adjacent to the east side of the concrete pad north of the oil water separator to determine if contaminant releases into the environment have occurred from use of this area and if contaminated media exists at this site.
PR-123-MW04	Surface Soil Subsurface Soil Groundwater	Surface soil, subsurface soil, and groundwater samples were collected near the southeast corner (downslope) of the parcel to determine if contaminant releases into the environment have occurred from use of this area and if contaminated media exists at this site.
PR-123-MW05	Surface Soil Groundwater	Surface soil and groundwater samples were collected on the west side (upgradient) of the concrete pad to determine if contaminant releases into the environment have occurred from previous use of this area and if contaminated media exists at this site.
PR-123-DEP01	Depositional soil	A depositional soil sample was collected from surface water drainage in the northeastern portion of the parcel to determine if contaminant releases into the environment have occurred from use of this area and if contaminated media exists at this site.
PR-123-DEP02	Depositional soil	A depositional soil sample was collected from surface water drainage downslope of the southeast corner of the parcel to determine if contaminant releases into the environment have occurred from use of this area and if contaminated media exists at this site.
PR-123-DEP03	Depositional soil	A depositional soil sample was collected east of the parcel, near the outfall for the oil/water separator to determine if contaminant releases into the environment have occurred from use of this area and if contaminated media exists at this site.

Table 3-2

**Soil Sample Designations and QA/QC Samples
Range 4A Fog Oil Storage Area, Parcel 123(6)
Fort McClellan, Calhoun County, Alabama**

Sample Location	Sample Designation	Sample Depth (ft)	QA/QC Samples		Analytical Suite
			Field Duplicates	MS/MSD	
PR-123-MW01	PR-123-MW01-SS-HH0001-REG PR-123-MW01-DS-HH0002-REG	0-1 6-7		PR-123-MW01-SS-HH0001-MS/MSD	TCL VOCs, TCL SVOCs, and TAL Metals
PR-123-MW02	PR-123-MW02-SS-HH0003-REG PR-123-MW02-DS-HH0005-REG	0-1 3-4	PR-123-MW02-SS-HH0004-FD		TCL VOCs, TCL SVOCs, and TAL Metals
PR-123-MW03	PR-123-MW03-SS-HH0006-REG PR-123-MW03-DS-HH0007-REG	0-1 1-2			TCL VOCs, TCL SVOCs, and TAL Metals
PR-123-MW04	PR-123-MW04-SS-HH0008-REG PR-123-MW04-DS-HH0009-REG	0-1 1-2			TCL VOCs, TCL SVOCs, and TAL Metals
PR-123-MW05	PR-123-MW05-SS-HH0010-REG	0-1			TCL VOCs, TCL SVOCs, and TAL Metals
PR-123-DEP01	PR-123-DEP01-DEP-HH0012-REG	0-1			TCL VOCs, TCL SVOCs, and TAL Metals
PR-123-DEP02	PR-123-DEP02-DEP-HH0013-REG	0-1			TCL VOCs, TCL SVOCs, and TAL Metals
PR-123-DEP03	PR-123-DEP03-DEP-HH0014-REG	0-1			TCL VOCs, TCL SVOCs, and TAL Metals

FD - Field duplicate.

MS/MSD - Matrix spike/matrix spike duplicate.

QA/QC - Quality assurance/quality control.

REG - Field sample.

TAL - Target analyte list.

TCL - Target compound list.

VOC - Volatile organic compound.

SVOC - Semivolatile organic compound.

Table 3-3

**Monitoring Well Construction Summary
Range 4A Fog Oil Storage Area, Parcel 123(6)
Fort McClellan, Calhoun County, Alabama**

Well Location	Northing	Easting	Ground Elevation (ft above msl)	TOC Elevation (ft above msl)	Well Depth (ft bgs)	Screen Length (ft)	Screen Interval (ft bgs)	Well Material
PR-123-MW01	1178352.86	617718.12	628.51	628.26	75.5	20	55.2 - 75.2	2" ID Sch. 40 PVC
PR-123-MW02	1178203.60	617643.71	628.25	628.01	81.8	20	61.5 - 81.5	2" ID Sch. 40 PVC
PR-123-MW03	1178390.71	617717.74	627.54	627.35	76.4	20	56.1 - 76.1	2" ID Sch. 40 PVC
PR-123-MW04	1178243.99	617711.32	625.10	624.73	77.7	20	57.4 - 77.4	2" ID Sch. 40 PVC
PR-123-MW05	1178325.10	617621.08	630.29	630.06	75.7	20	55.4 - 75.4	2" ID Sch. 40 PVC

Permanent wells installed using air rotary drilling techniques.

Horizontal coordinates referenced to the U.S. State Plane Coordinate System, Alabama East Zone, North American Datum of 1983.

Elevations referenced to the North American Vertical Datum of 1988.

2" ID Sch. 40 PVC - 2-inch inside diameter, Schedule 40, polyvinyl chloride.

bgs - Below ground surface.

ft - Feet.

msl - Mean sea level.